

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2009-06-30  
**Date of Last Change to Activities:** 2012-07-20  
**Investment Auto Submission Date:** 2012-02-22  
**Date of Last Investment Detail Update:** 2012-02-22  
**Date of Last Exhibit 300A Update:** 2012-02-22  
**Date of Last Revision:** 2012-07-20

**Agency:** 429 - Nuclear Regulatory Commission      **Bureau:** 00 - Agency-Wide Activity

**Investment Part Code:** 01

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** Budget Formulation System (BFS)

**2. Unique Investment Identifier (Ull):** 429-000001020

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The Budget Formulation System (BFS) investment provides for the collection of budget formulation resources, agency salary and benefits allocation, OMB Homeland Security and Exhibit 53 reporting requirements. BFS is the main utility in creating, approving and submitting of the agency's annual fiscal year budget. The primary beneficiaries of this investment are agency and office level budget directors who are able to run projection and/or 'what-if' analysis on their respective business line, office and/or division against budget resource data. The agency as a whole benefits from a centralized information source thus eliminating the risk of error during budget data inquiries from Congress, OMB and other external entities. BFS interfaces with the agency's Core Ledger Financial System (FAIMIS). Budget and expenditure data is transferred to and from these systems for the purpose of budget forecast and planning and current fiscal year budget vs. actual review. In FY13, BFS will interface with Time and Labor Modernization (TLM) to provide a direct link of labor hours into BFS's Salary and Benefit application.

- 2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

The Budget Formulation System (BFS) resolves the following five performance gaps that the prior formulation system and processes failed to accomplish: 1) Fostering financial accountability throughout the organization. 2) Improving budget accuracy. 3) Improving accessibility to budget data. 4) Achieving better visibility into budgets and forecasts for revenue and expenses. 5) Streamlining the budgeting and reporting process. By implementing Oracle Enterprise Performance Management Hyperion suite, NRC gained efficiencies in their budgeting process management, process control, reporting and accessibility.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

Budget Formulation System (BFS) list of accomplishments: Prior year (PY 2011) - 2nd QTR - Upgraded from version 9.3.1 to the most current version 11.1.2. This upgrade also included an operating system upgrade from Windows 2003 to Windows 2008 64-bit - 4th QTR - Apply service pack to be at most recent version of software (11.1.2.1) - 4th QTR - Creation of a Salary and Benefits forecasting application to properly budget and track NRC FTE activity - 4th QTR - Established an ETL (Extract Transform and Load) process to push current fiscal year obligated/expediture activity from NRC core ledger system to BFS for forecasting purposes.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

Budget Formulation System (BFS) planned future accomplishments Current year (CY 2012) - 1st QTR - Go-Live with Salary and Benefits forecasting application. A controlled rollout in January/February of one license to each office. - 4th QTR - Creation of a Funds Utilization Plan (FUP) application to automate and streamline the way offices request, plan and distribute their appropriated resources. FUP application will eliminate the use of a disconnected process of spreadsheets and access databases into one centralized location. - 4th QTR - BFS Hardware warranty expires in BY 2013. To coincide with the agency's IT initiative, BFS will migrate off physical hardware and onto the NRC's dedicated virtualized server farm. This migration is in alignment with NRC IT centralization initiative and relieve the Chief Financial Officer office of maintaining physical inventory which is out of the scope of the office's duties. Budget Year (BY 2013) - 1st QTR - Modify main BUDGET application to include Job Code dimension. Adding the Job Code dimension will allow all of NRC to formulate down to the same level in which they execute at. This enhancement will eliminate office-based subsystems, further centralize the formulation process within BFS and allow a fluid level of transparency between formulation and execution data. - 1st QTR - Establish an XML ETL (Extract Transform and Load) process to automate OMB MAX reporting. NRC will be taking advantage of OMB's open source data tools to facilitate OMB reporting requirements. NRC will work with the OMB XML templates to convert BFS data into OMB reporting format.

**5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology**

**specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2004-02-13

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.1	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$1.5	\$0.0	\$0.1	\$0.0
DME (Including Planning) Govt. FTEs:	\$0.3	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	\$1.9	0	\$0.1	0
O & M Costs:	\$1.0	\$0.5	\$0.4	\$0.3
O & M Govt. FTEs:	\$1.0	\$0.2	\$0.2	\$0.2
Sub-Total O & M Costs (Including Govt. FTE):	\$2.0	\$0.7	\$0.6	\$0.5
Total Cost (Including Govt. FTE):	\$3.9	\$0.7	\$0.7	\$0.5
Total Govt. FTE costs:	\$1.3	\$0.2	\$0.2	\$0.2
# of FTE rep by costs:	6	2	2	2
Total change from prior year final President's Budget (\$)		\$0.0	\$0.0	
Total change from prior year final President's Budget (%)		-4.20%	0.00%	

**2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:**

Not Applicable

## Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	3100	<a href="#">NRCT001</a>	NRC DR0909340	3100							
Awarded	3100	<a href="#">NRCHQ11F090003</a>	NNG07DA20B	8000							
Awarded	3100	<a href="#">NRCHQ11F090004</a>	GS35F0265X	4732							

**2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**

EVM is not included in the contracts due to the fact that the overall value of the contracts is low and it was determined that the overhead of EVM reporting and analysis did not provide an appropriate ROI to the government. In lieu of EVM, the NRC COTR and PM reviewed monthly status reports and invoices and worked with the contractor to remediate cost and/or schedule variances. To date, no significant cost or schedule variances (+/- 10%) have been reported. Furthermore, NRC holds regular staff meetings with the contractor and the program continues to progress on schedule.

## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-07-20

### Section B: Project Execution Data

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
2011A	EPM 11.1.2.1 Upgrade	Service Pack upgrade 11.1.2.1, FAIMIS to BFS Integration and establishment of Salaries and Benefit Application.			
2012A	Budget App Job Code Enhancement	Modifying BUDGET app to include Job Code dimension. Also establish XML connectivity with OMB MAX.			
2013A	BFS - FY13 O&M	Annual Operation and Maintenance (licenses, technical support and security scans) and minor enhancements.			
2013B	BFS Virtualization	Migration of BFS to a virtualized environment.			
2014A	BFS - FY14 O&M	Annual Operation and Maintenance (licenses, technical support and security scans) and minor enhancements.			
2015A	BFS - FY15 O&M	Annual Operation and Maintenance (licenses, technical support and security scans) and minor enhancements.			
2016A	BFS - FY16 O&M	Annual Operation and			

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
		Maintenance (licenses, technical support and security scans) and minor enhancements.			
2011B	BFS - FY11 O&M	Annual Operation and Maintenance (licenses, technical support and security scans).			
2012B	BFS - FY12 O&M	Annual Operation and Maintenance (licenses, technical support and security scans) and minor enhancements.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M )	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
2011A	EPM 11.1.2.1 Upgrade							
2012A	Budget App Job Code Enhancement							
2013A	BFS - FY13 O&M							
2013B	BFS Virtualization							
2014A	BFS - FY14 O&M							
2015A	BFS - FY15 O&M							
2016A	BFS - FY16 O&M							
2011B	BFS - FY11 O&M							
2012B	BFS - FY12 O&M							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
2011A	Integration with Core Financial System	ETL of Actuals from FAIMIS to BFS	2011-09-09	2011-09-23	2011-09-23	39	-14	-35.90%



## Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
2011A	Apply Service Pack 1	Apply 11.1.2.1 to existing 11.1.2 version	2011-09-23	2011-09-23	2011-09-23	53	0	0.00%

## Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Availability of system during normal and off-peak hours	Percent	Technology - Reliability and Availability	Over target	90.000000	91.000000	95.000000	93.000000	Monthly
Number of supplemental subsystems maintained to compensate for lack of BFS capabilities.	Units	Technology - Information and Data	Under target	26.000000	24.000000	22.000000	21.000000	Semi-Annual
Overtime hours required to complete budget formulation process	Hours	Process and Activities - Productivity	Over target	1800.000000	1500.000000	1250.000000	1250.000000	Quarterly
Time required for budget directors to review and approve budget submissions	Business Days	Process and Activities - Cycle Time and Timeliness	Over target	10.000000	8.000000	7.000000	7.000000	Monthly
Use of web based forms instead of MS Excel to create and modify budgets ensures a more streamlined, consistent and error-reduced budget process	Percent	Mission and Business Results - Support Delivery of Services	Over target	80.000000	85.000000	93.000000	90.000000	Quarterly
User acceptance and satisfaction with system as measured by surveys	Percent	Customer Results - Customer Benefit	Over target	60.000000	65.000000	67.000000	68.000000	Quarterly